

Crude Oil Equivalency Summary

Table D1. Total Energy Supply and Disposition Summary
(Million Barrels per Day Oil Equivalent, Unless Otherwise Noted)

Supply, Disposition, and Prices	Reference Case							Annual Growth 2001-2025 (percent)
	2000	2001	2005	2010	2015	2020	2025	
Production								
Crude Oil and Lease Condensate	5.87	5.80	5.58	5.63	5.25	5.46	5.33	-0.4%
Natural Gas Plant Liquids	1.28	1.25	1.39	1.49	1.61	1.70	1.78	1.5%
Dry Natural Gas	9.19	9.43	9.77	10.61	11.56	12.13	12.98	1.3%
Coal	10.64	11.32	11.02	11.95	12.45	13.04	13.84	0.8%
Nuclear Power	3.71	3.79	3.91	3.95	3.97	3.97	3.98	0.2%
Renewable Energy ¹	2.81	2.52	3.17	3.42	3.66	3.90	4.15	2.1%
Other ²	0.51	0.27	0.39	0.40	0.35	0.38	0.38	1.4%
Total	34.01	34.39	35.24	37.44	38.85	40.58	42.43	0.9%
Imports								
Crude Oil ³	9.07	9.33	10.29	11.58	12.41	12.72	13.11	1.4%
Petroleum Products ⁴	2.24	2.38	2.01	3.03	4.53	5.65	7.17	4.7%
Natural Gas	1.82	1.94	2.15	2.61	2.80	3.40	3.92	3.0%
Other Imports ⁵	0.33	0.34	0.38	0.42	0.46	0.45	0.44	1.1%
Total	13.45	13.99	14.83	17.64	20.20	22.23	24.64	2.4%
Exports								
Petroleum ⁶	1.02	0.95	0.97	1.06	1.07	1.10	1.14	0.8%
Natural Gas	0.12	0.17	0.28	0.29	0.26	0.20	0.17	0.1%
Coal	0.72	0.60	0.47	0.43	0.35	0.35	0.32	-2.6%
Total	1.85	1.72	1.72	1.78	1.68	1.65	1.63	-0.2%
Discrepancy⁷	1.18	-0.72	0.36	0.14	0.14	0.06	0.16	N/A
Consumption								
Petroleum Products ⁸	18.15	18.17	18.80	21.09	23.11	24.78	26.72	1.6%
Natural Gas	11.34	10.99	11.92	13.11	14.29	15.52	16.91	1.8%
Coal	10.63	10.39	10.75	11.75	12.35	12.96	13.81	1.2%
Nuclear Power	3.71	3.79	3.91	3.95	3.97	3.97	3.98	0.2%
Renewable Energy ¹	2.81	2.52	3.17	3.42	3.66	3.90	4.15	2.1%
Other ⁹	0.15	0.10	0.15	0.14	0.13	0.08	0.03	-4.4%
Total	46.79	45.95	48.70	53.45	57.51	61.22	65.61	1.5%
Net Imports - Petroleum	10.49	11.00	11.59	13.84	16.18	17.54	19.48	2.4%
Prices (2001 dollars per unit)								
World Oil Price (dollars per barrel) ¹⁰	28.35	22.01	23.27	23.99	24.72	25.48	26.57	0.8%
Natural Gas Wellhead Price (dollars per thousand cubic feet) ¹¹	3.83	4.12	2.88	3.29	3.55	3.69	3.90	-0.2%
Coal Minemouth Price (dollars per ton)	17.18	17.59	16.50	14.99	14.67	14.38	14.36	-0.8%
Average Electricity Price (cents per kilowatthour)	6.9	7.3	6.5	6.4	6.5	6.6	6.7	-0.3%

¹Includes grid-connected electricity from conventional hydroelectric; wood and wood waste; landfill gas; municipal solid waste; other biomass; wind; photovoltaic and solar thermal sources; non-electric energy from renewable sources, such as active and passive solar systems, and wood; and both the ethanol and gasoline components of E85, but not the ethanol components of blends less than 85 percent. Excludes electricity imports using renewable sources and nonmarketed renewable energy.

²Includes liquid hydrogen, methanol, supplemental natural gas, and some domestic inputs to refineries.

³Includes imports of crude oil for the Strategic Petroleum Reserve.

⁴Includes imports of finished petroleum products, imports of unfinished oils, alcohols, ethers, and blending components.

⁵Includes coal, coal coke (net), and electricity (net).

⁶Includes crude oil and petroleum products.

⁷Balancing item. Includes unaccounted for supply, losses, gains, net storage withdrawals, heat loss when natural gas is converted to liquid fuel, and heat loss when coal is converted to liquid fuel.

⁸Includes natural gas plant liquids, crude oil consumed as a fuel, and nonpetroleum based liquids for blending, such as ethanol.

⁹Includes net electricity imports, methanol, and liquid hydrogen.

¹⁰Average refiner acquisition cost for imported crude oil.

¹¹Represents lower 48 onshore and offshore supplies.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2000 and 2001 are model results and may differ slightly from official EIA data reports.

Sources: 2000 natural gas supply values: Energy Information Administration (EIA), *Natural Gas Annual 2000*, DOE/EIA-0131(2000) (Washington, DC, November 2001). 2001 natural gas supply values: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2002/08) (Washington, DC, August 2002). 2000 coal minemouth prices: EIA, *Coal Industry Annual 2000*, DOE/EIA-0584(2000) (Washington, DC, January 2002). 2000 petroleum supply values: EIA *Petroleum Supply Annual 2000*, DOE/EIA-0340(2000)/1 (Washington, DC, June 2001). 2001 petroleum supply values: EIA, *Petroleum Supply Annual 2001*, DOE/EIA-0340(2001)/1 (Washington, DC, June 2002). Other 2000 and 2001 values: EIA, *Annual Energy Review 2001*, DOE/EIA-0384(2001) (Washington, DC, November 2002) and EIA, *Quarterly Coal Report, October-December 2001*, DOE/EIA-0121(2001/4Q) (Washington, DC, May 2002).

Projections: EIA, AEO2003 National Energy Modeling System run AEO2003.D110502C.

Crude Oil Equivalency Summary

Table D2. Total Energy Supply and Disposition Summary
(Million Tons of Oil Equivalent, Unless Otherwise Noted)

Supply, Disposition, and Prices	Reference Case							Annual Growth 2001-2025 (percent)
	2000	2001	2005	2010	2015	2020	2025	
Production								
Crude Oil and Lease Condensate	313.37	309.66	297.85	300.17	279.90	291.41	284.38	-0.4%
Natural Gas Plant Liquids	68.27	66.73	74.29	79.69	86.11	90.44	94.81	1.5%
Dry Natural Gas	491.38	503.32	521.07	566.14	616.67	648.84	692.32	1.3%
Coal	569.02	604.04	587.93	637.53	664.44	697.67	738.20	0.8%
Nuclear Power	198.38	202.31	208.63	210.56	211.81	212.45	212.48	0.2%
Renewable Energy ¹	150.24	134.22	169.14	182.26	195.24	208.73	221.29	2.1%
Other ²	27.41	14.45	20.94	21.18	18.63	20.10	20.24	1.4%
Total	1818.07	1834.74	1879.83	1997.53	2072.81	2169.65	2263.73	0.9%
Imports								
Crude Oil ³	496.22	510.44	562.96	633.34	678.68	695.72	717.32	1.4%
Petroleum Products ⁴	119.31	127.09	107.06	161.61	241.56	301.67	382.32	4.7%
Natural Gas	97.39	103.30	114.48	139.10	149.61	182.03	209.23	3.0%
Other Imports ⁵	17.43	18.36	20.44	22.63	24.62	24.15	23.68	1.1%
Total	730.35	759.20	804.94	956.68	1094.47	1203.58	1332.56	2.4%
Exports								
Petroleum ⁶	54.18	50.55	51.67	56.40	56.91	58.86	60.62	0.8%
Natural Gas	6.18	9.20	14.93	15.62	13.77	10.43	9.33	0.1%
Coal	38.51	32.03	25.19	22.85	18.68	18.66	16.98	-2.6%
Total	98.86	91.78	91.80	94.87	89.37	87.96	86.93	-0.2%
Discrepancy⁷	-54.87	50.27	-6.72	5.27	5.86	6.24	4.70	-9.4%
Consumption								
Petroleum Products ⁸	970.89	969.20	1002.71	1125.17	1233.13	1325.49	1425.26	1.6%
Natural Gas	606.45	586.07	636.06	699.29	762.39	830.47	902.38	1.8%
Coal	570.55	554.82	574.97	629.51	662.71	697.51	741.44	1.2%
Nuclear Power	198.38	202.31	208.63	210.56	211.81	212.45	212.48	0.2%
Renewable Energy ¹	150.25	134.23	169.14	182.27	195.26	208.75	221.32	2.1%
Other ⁹	7.91	5.26	8.19	7.29	6.75	4.35	1.79	-4.4%
Total	2504.43	2451.89	2599.70	2854.08	3072.05	3279.02	3504.66	1.5%
Net Imports - Petroleum	561.35	586.99	618.34	738.55	863.32	938.53	1039.02	2.4%
Prices (2001 dollars per unit)								
World Oil Price (dollars per barrel) ¹⁰	28.35	22.01	23.27	23.99	24.72	25.48	26.57	0.8%
Natural Gas Wellhead Price (dollars per thousand cubic feet) ¹¹	3.83	4.12	2.88	3.29	3.55	3.69	3.90	-0.2%
Coal Minemouth Price (dollars per ton)	17.18	17.59	16.50	14.99	14.67	14.38	14.36	-0.8%
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Projections: EIA, AEO2003 National Energy Modeling System run AEO2003.D110502C.